Lecture #16

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Logit transformation

- p bounded between 0 and 1
- problem for a regression line
- odds ratio(p) = $\frac{p}{1-p}$
- bounded at $0, \infty$
- logit transformation = $log(\frac{p}{1-p})$
- bounded at $-\infty, \infty$
- intercept log odds ratio at x=0
- slope = change in log odds ratio with 1 unit change in x

Analyzing logistic regression

- fit of model
- simple plot using predict function

Getting data in and out of R

- create an Excel file, open with a text editor
- create a csv file in Excel, open with `read.csv`
- create an annotated text file, open with `read.table`
- show a real annotated text file from Czech group